

Attorney Docket No: 16517  
Application No. 10/775,176  
Page 1 of 9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: James D. McIninch	)	Examiner: C. SMITH
Utility Patent Application No.: 10/775,176	)	Art Unit: 1631
Filed: 11 February 2004	)	
Title: COMPUTATIONAL NUCLEIC ACID	)	
CODING AND FEATURE ANALYSIS	)	

*Via facsimile transmittal*

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Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION MAILED 09 JULY 2007**

Sir,

In response to the Final Office Action mailed 09 July 2007, Applicant requests entry of the following amendments and reconsideration of the rejections in view of the following remarks.

**Amendments to the Specification** begin on page 3 of this paper.

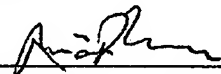
**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks** begin on page 7 of this paper.

This response is being timely filed within two (2) months of the mailing date of the Final Office Action. Any fees which may be required with respect to this paper may be charged to Deposit Account No. 134,125; any overpayment should be credited to the account.

**CERTIFICATE OF FACSIMILE TRANSMITTAL – 9 (nine) pages**

I hereby certify that this Response to Office Action and Amendment is being facsimile transmitted to the USPTO's Central Facsimile Number, i. e., (571) 273-8300, on **10 September 2007**.

  
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Maria Margarita D. Unson  
Registration Number 53,711  
Agent for Applicants

Telephone: (860) 572-5217  
Fax: (860) 572-5280